planika
NEW SENSE OF FIRE

# USER'S MANUAL

## *Fire Line Automatic*

**Manufactured by:**

**Planika Sp. z o.o.**
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**Poland**

Tested & Listed By O-T-L C US Portland Oregon USA
OMNI-Test Laboratories, Inc.

EDITION I 0448#11 as of 03.12.2013

417-D-05b-2
UL 1370-2008 and ULC/ORD C627.1-2008

# IT IS OBLIGATORY TO READ AND KEEP THIS INSTRUCTION MANUAL.

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## I. General information

Fire Line Automatic is a decorative appliance with real flames. Due to the innovative technology applied, Fire Line Automatic is simple and safe to use.

## II. Consumables

The FANOLA liquid is recommended to be used for proper operation of Fire Line Automatic due to its special composition that enables proper functioning of the device. The use of fluids other than the recommended FANOLA fluid may lead to malfunction or damage of the device or even cause fire and health hazards.

**WARNING! Risk of Explosion - Never use any fuel other than the fuels specifically identified for use in the unvented decorative appliance. Never use gasoline.**

## III. Safety

Fire Line Automatic produces a real open fire, so, in order to use the device properly and safely and in order to keep the warranty, the following safety rules should be observed.

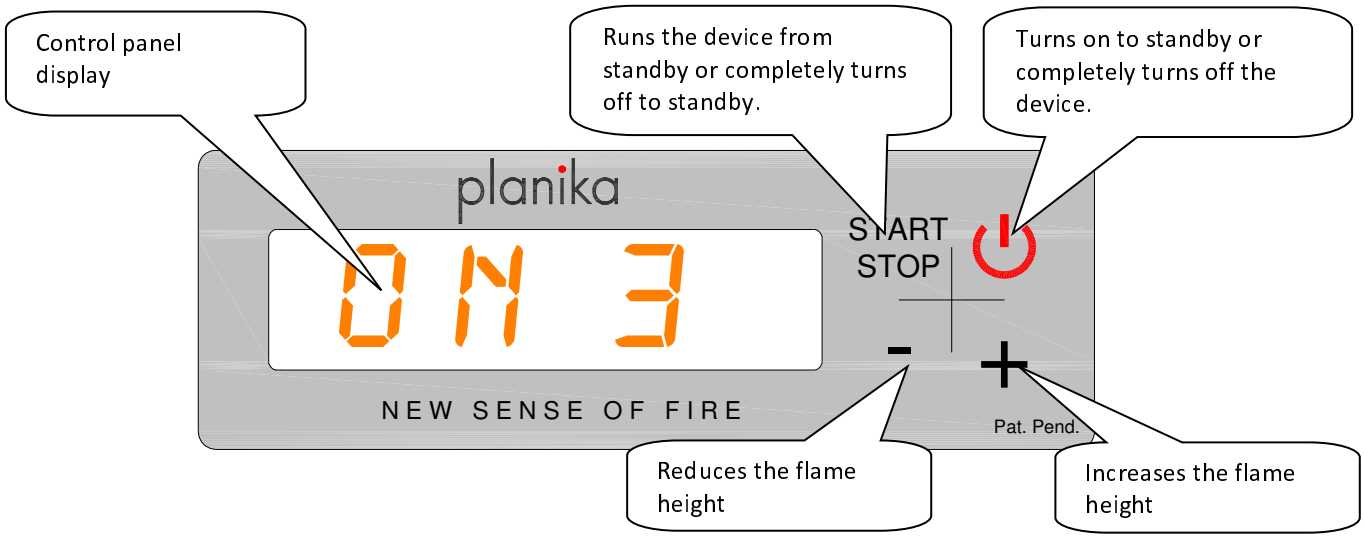
- Do not expose the device to weather conditions. The product is for indoor use only.
- Please read the device installation manual to avoid placing the device in rooms with a capacity of less than required.
- In a house of typical construction, that is, one that is not of unusually tight construction due to heavy insulation and tight seals against air infiltration, an adequate supply of air for combustion and ventilation is provided through infiltration. However, if the unvented decorative appliance is used in a small room where less than 200 cubic feet (5,7m3) of air space is provided for each 1000 Btu per hour of unvented decorative appliance rating (considering the maximum burner adjustment), the door(s) to adjacent room(s) should be kept open or a window to the outside should be opened at least 1 in (25,4mm) to guard against potential buildup of indoor air pollution. Do not use the unvented decorative appliance in a bathroom, **a room where sleeping accommodation is provided** or any other small room.
- **WARNING! Do not use the product in a room with Oxygen tanks in use.**
- Ensure good ventilation, gravity or forced, to provide an air exchange once per hour at minimum.
- Do not install the device in areas of large drafts of air, near fans, vents, etc.
- Do not place in areas where there might be a potentially explosive atmosphere of paint vapours, industrial dusts, etc.
- Do not use at ambient temperatures exceeding 30°C (86° Fahrenheit).
- Install the device only on a flat, horizontal surface. Setting on an inclined surface can cause incorrect operation and permanent damage to the device.

- No flammable items should be placed in direct contact and within a radius of 1 m / 3.28 ft around the device. Do not place near curtains, net curtains, etc.
- It is obligatory to have a Class B fire extinguisher placed nearby the device.
- The enabled device must not be moved. Wait for complete fuel burn-out, disconnect the power supply and cool down the elements before moving the device.
- The device should not be left without adult supervision.
- Prevent handling of the device by persons not trained.
- Do not attempt to make changes or repairs to the construction of the device on your own. Repairs can be made only by a person trained to service the device.
- **WARNING! Risk of Explosion – Never refill unvented decorative appliance fuel reservoir when unvented decorative appliance is operating or still hot.**
- **Do not pour FANOLA liquid into appliance, as it may cause damage to the device and cause fire. Pouring FANOLA liquid to a burning appliance may cause a sudden ignition and can cause fire, burns and a risk to life.**
- **WARNING!** Never use unvented decorative appliance where flammable vapors or gas may be present.
- **WARNING!** Risk of Indoor Air Pollution – Use unvented decorative appliance only in well- ventilated areas **and with doors of adjacent room open. Do not obstruct the fuel holder box with any material.** People with breathing problems should consult a physician before using the unvented decorative appliance.
- Do not heat the FANOLA liquid before starting-up the device.
- Do not start up the device if the FANOLA liquid spilled out from the container.
- Do not cover the working device as it may cause fire.
- Keep the device and fuel away from children, pets and unauthorized persons.
- **WARNING! Risk of Explosion- Never store or transport the fuel in other than a metal or plastic container that is:**
    a) Acceptable for use with the specific fuel,
    b) Non red in color,
    c) Is in the original container for the (specific alcohol) fuel.
- **WARNING!** Never store fuel in the living space/ same location as the appliance.
- FANOLA liquid is not suitable for consumption. Avoid contact with skin and eyes.
- Do not tamper with filler bolt while the device is running.
- Do not tamper with the elements inside the furnace body at the risk of burns, damage to the device or fire.
- Some elements of the device heat up to high temperatures. Do not touch the area of the furnace of the device as it may cause burns.
- **WARNING!** Due to high surface temperatures, keep children, clothing and furniture away.
- Do not place any decorative elements on the burner's surface.
- Do not put any decorations on the fire grate.
- **WARNING!** Do not use unvented decorative appliance to heat or boil water or use as a cooking appliance.
- **WARNING!** The glowing coil temperature heats up to 1300 °C. Touching the device while it is turned on may causes burns.
- **WARNING!** The furnance heats up to high temperatures during operation!
- **WARNING! THIS PRODUCT HAS NOT BEEN TESTED WITH AN UNVENTED GAS LOG SET. TO REDUCE RISK OF FIRE OR INJURY, DO NOT INSTALL AN UNVENTED GAS LOG SET INTO APPLIANCE.**
- **WARNING! THIS APPLIANCE HAS NOT BEEN TESTED FOR USE WITH GLASS DOORS. TO REDUCE THE RISK OR INJURY, DO NOT INSTALL GLASS DOORS.**
- **WARNING! The first run can be made only after proper installation of the device and reading the manual instructions!**

- **WARNING! Prior to moving the appliance burn the fuel out and move the appliance slowly, in the horizontal position, avoiding shaking. There is always some fuel left inside the device and if spilled the sensors might get wet. If that happens the appliance will not work until the liquid evaporates.**

## IV. Operation

**Operating elements**

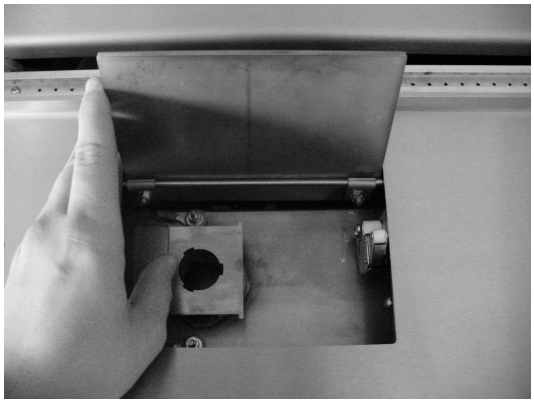



**Initial start-up of the device**

1. Press the red button on the control panel.

2. FUEL - no fuel in the device. To fill it up:

   2a. Open the Fanola filler bolt.



2b. FILL – now the reservoir can be filled with Fanola. Insert the funnel.

**ATTENTION**! Pour the fuel into the funnel **following these precautions**:

- During pouring be careful not to spill fuel out of the filler.
- To fill up use only accessories provided by the manufacturer.

**WARNING**! ER_1 - the fuel spilled out of the filler:

- stop filling the fuel!
- remove the funnel
- dry the visible moisture
- turn off the device with the red button ⏻ on the control panel to stop the sound signal.
- leave the right flap open
- wait at least 1 hour until the remaining moisture evaporates
- after 1 hour turn the device on with the red button ⏻ on the control panel
- if the alarm signal sounds again and the ER_1 message is displayed, turn off the device and wait a bit longer until the remaining moisture evaporates.

2c. FULL and SHUT – stop pouring! Take the funnel out.

3. READY – close the right flap and start the appliance by pressing the **START/ STOP** button on the control panel or the **START** button on the remote control.
4. WAIT – it takes a few moments for the appliance to ignite the flame.
5. ON_3 – the appliance is in work mode.

**Flame size regulation**

- Adjust the flame size by pressing either the "**+**" or "**-**" button on the remote control or on the control panel.
- The device has the adjustable flame size (4 levels from ON_1 to ON_4).
- ATTENTION! It might take a few moments for the flame to adjust.

**Device extinguishing**

Press the **START/STOP** button on the control panel or the **STOP** button on the remote control.

TEMP – Temperature of the devise is too high to start it again. When the appliance cools down the message will change.

**Subsequent start-up of the appliance**

FUEL – start the procedures as in point 2 of this manual.
READY –

- start the appliance by pressing the **START/STOP** button on the control panel or the **START** button on the remote control, or
- you can also refill the fuel reservoir. If you wish to do so start as in point 2a of this manual. After opening the Fanola filler bolt:
  - FULL and SHUT - do not pour any more Fanola. The reservoir is full!
  - FILL – you may refill the reservoir.

**Switching off**

To switch off the device completely press the red button on the control panel.

# ATTENTION!

**The appliance will automatically stop working when:**

- the fuel burns out (message FUEL),
- Fanola filler bolt is open,
- the temperature of the device is too high,
- the device is moved or it senses seismic shocks.

**Information and warning alerts**

| | | |
|---|---|---|
| . | The device is connected to the mains, but remains dormant. | To start operating the device, press the red button on the control panel. In this mode, the device does not respond to commands sent from the remote control and other buttons on the control panel. |
| READY | The device is connected to the mains and ready to start. | You can start from point *2a* and refuel or from point *3* and immediately start the device. |
| FUEL | The fuel reservoir is empty. | Refill the fuel following the description in point *2* of the manual instruction. |
| FULL/ SHUT | The fuel reservoir is full. | Close the filler bolt. You can start the device now. |
| FILL | The filler bolt is open. | You can refill the fuel or close the bolt and start the device. |
| TEMP | Protection against a too fast restart of the hot device is active or the acceptable device operation temperature has been exceeded. | Wait until the device cools down. The TEMP message will change to READY.<br>When the message TEMP is displayed the fans that accelerate the cooling of the device switch on. |
| ER_1 | There was a fuel spill or leak is detected. | Remove the funnel if it is placed in the filler, and then turn off the device using the red button on the control panel. Dry the visible moisture. Leave the device switched on for a least 1h. If the message is still displayed after the restart, turn off the device for a longer time. If this does not solve the problem call SERVICE. |
| ER_2 | An error of the heater temperature sensor. | Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE. |
| ER_3 | An error of the furnace temperature sensor. | |
| ER_4 | An error of the tank temperature sensor. | |
| ER_5 | Movement sensor actuated. | If the device was moved during operation it will automatically switch off to standby. The message will disappear with the disappearance of the source of movement. |
| ER_6 | An error of the fuel level probe. | Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE. |
| ER_8 | Damage to the solenoid coil. | |
| ER_9 | Damage to the solenoid. | Disconnect the power supply of the device. After a while, reconnect the power supply and start the machine. If the error persists, call SERVICE. |

| | | |
|---|---|---|
| ER_10 | The heater is damaged. | Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE. |
| ER_11 | The heater control is damaged. | |
| ER_12 | Damage to the measurement system or the heater temperature sensor. | |
| ER_13 | Damage to the measurement system or the furnace temperature sensor. | |
| ER_14 | Limiting switch K2 | Call SERVICE. |
| ER_15 | The device is inclined (set on a non-levelled surface). | Switch off the device using the red button on the control panel. Level the surface on which the device stands and restart the device. |
| ER 16 | Exceeded temperature of the heater sensor. | Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE. |
| ER 17 | Exceeded time of waiting for the appearance of flame. | |

## V. Programming the remote control

The remote control attached to the device is programmed to work with the Fire Line Automatic. If necessary, it can be programmed to work with a number of Fire Line Automatic devices simultaneously.
If you want a specific remote control to operate more than one model of Fire Line Automatic it should be suitably programmed for each device.
Programming must be done also when a new remote control was individually bought.

Procedure for programming:

- You can start programming the remote control only when the display is showing READY or FUEL.
- Hold "**-**" on the control panel for 8 seconds. The display will flash the word STAR.
- Press the **START** button on the remote control - the display starts to flash the word STOP.
- Press the **STOP** button on the remote control - the display starts to flash the word UP.
- Press "**+**" on the remote control - the display starts to flash the word DOWN.
- Press "**-**" on the remote control - the flashing word DOWN will disappear and the device will automatically switch to standby.

## VI. Cleaning and maintenance

Switch off the device before cleaning. Wait until the temperature of the device gets close to the ambient temperature. To maintain appropriate technical condition of the device, please observe the following rules:

- To clean stainless steel surfaces, use only gentle cleaners which do not cause cracks or scratches, or use other means specifically designed for cleaning stainless steel.

When purchasing and using cleaners, be sure to protect the environment and comply with the recommendations of manufacturers.

It is forbidden to clean the inside of the device by yourself. It must be made by trained member of Planika service.

The manufacturer does not foresee a situation where it will be necessary to clean elements not easily accessible.

The manufacturer is not liable for damage resulting from:

- improper operation (non-manual)
- self-dismantling
- attempts to modify
- using fluids other than the recommended FANOLA ®.

## VII. Disposal and recycling

The product is equipped with parts made of aluminium, steel, plastics and electronics. If you need to dispose of the device, follow the terms of disposal and recycling in force in your country.

Moreover:
• Batteries should not be disposed of with household waste.
• Dispose of the used batteries into containers intended for this type of waste.
• Dispose of the empty Fanola containers to plastic waste baskets.

Most of the materials used in Planika appliances can be recycled.

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If you have technical problems or other questions that require clarification, please contact your dealer.

FANOLA® fuel recommended for this product has received following certification:

This product has received following certifications:

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CE

Brzoza 07.12.2010

# EC DECLARATION OF CONFORMITY

The two final digits indicate the year of the CE marking – 10

**001/FLA/10**

**Planika Sp. z o.o.**
ul. Bydgoska 38; 86-061 Brzoza; POLAND

We declare that our product: bio-fuel fired fire place (FANOLA ®), identified as

| | |
|---|---|
| Product family: | PLANIKA fire places |
| Product type: | FIRE LINE AUTOMATIC |

fulfils the essential requirements of the following directive:

| | |
|---|---|
| **1999/5/WE R&TTE** | The European Parliament and the Council Directive No. 1999/5/EC of 9 March 1999 on the radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity |
| **2004/108/EC EMC** | DIRECTIVE 2004/108/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC. |
| **2006/95/WE LVD** | The European Parliament and Council Directive 2006/95/EC of 12 December 2006 on the harmonisation of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits |

and fulfils the requirements of the following standards and harmonised standards:

| | |
|---|---|
| **EN 55014-1:2006** | Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission |
| **EN 55014-2:1997** | Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard |
| **PN-EN 55014-1:2007+A1:2010** | Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission |
| **PN-EN 55014-2:1999+A1:2004+A2:2009** | Electromagnetic compatibility (EMC) – Requirements for household appliances, electric tools and similar apparatus – Immunity – Product family standard |
| **PN-EN 60950-1:2001** | IT Engineering Equipment – Safety – Part 1: Basic Requirements |
| **PN-EN 60950-1:2006** | IT Engineering Equipment – Safety – Part 1: Basic Requirements |
| **PN-EN 61000-4-3:2007+A1:2008+IS1:2009** | Electromagnetic Compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated radio-frequency electromagnetic field immunity test |
| **PN-EN 61000-4-2:2009** | Electromagnetic Compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test |
| **EN 301 489-1 V1.8.1** | Electromagnetic compatibility and Radio spectrum Matters (ERM) – the Electromagnetic Compatibility Standard (EMC) related to radio equipment and radio systems – Part 1: General Technical Requirements |

This declaration of conformity has been issued based on positive results of tests.
The document along with technical documentation forms a basis for labelling the product with the mark CE.

Jarosław Dąbrowski

Brzoza, 07 December 2010
(Location and date of issue)

PRESIDENT OF THE MANAGEMENT BOARD
(Signature)

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# CERTIFIED APPLIANCE

## Model: Fire Line Automatic

### Unvented Alcohol Fuel-Burning Decorative Heating Appliance

Date Issued: February 2011
Project: 417-D-05b-2
Issued to: Planika Sp. z o.o.
ul. Bydgoska 38
86-061 Brzoza
Poland

Product listed to:

- UL Subject 1370, "Outline of Investigation for Unvented Alcohol Fuel Burning Decorative Appliances," 2010.
- ULC/ORD-C627.1-2008, "Unvented Ethyl Alcohol Fuel Burning Decorative Appliances."

The model listed above is eligible to bear the mark shown.

Tested & Listed By O-T L Portland Oregon USA
C US
OMNI-Test Laboratories, Inc.

Issued by: OMNI-Test Laboratories, Inc.
13327 NE Airport Way
Portland, Oregon 97230

/s/ Sarah Retzer
Sarah Retzer, Accreditation & QA Manager

Timothy Hertel
Timothy Hertel, VWS Testing Manager

**A current Product Documentation and Listing Agreement is required to maintain appliance listing.**

The product certification system operated by OMNI-Test Laboratories, Inc. most closely resembles that described by ISO/IEC Guide 67, System 5. OMNI-Test Laboratories, Inc. is accredited by the Standards Council of Canada and the American National Standards Institute as a certification organization.

Author: 282